

## Available at the Federal Energy Technology Center Pittsburgh



<u>THE NEW EXPLORERS PROGRAM</u>: Each unit consists of a 30 minute video tape and teachers guide. Source: Produced by Argonne National Laboratory and WTTW T.V. station in Chicago under the sponsorship of U.S. Department of Energy.

- 1. <u>A Twentieth Century Medicine Man</u>: A botanist living among Brazilian Indians seeks ancient medical cures for modern cancer treatment. Grades 4-8
- 2. <u>Mystery of the Lines</u>: Astronomers explore the mystery of giant figures drawn in the Peruvian desert thousands of years ago. Grades 4-12
- 3. <u>Flight for Survival</u>: A scientist engineering the bald eagle's comeback from near extinction uses a treetop eagle's nest as his lab. Grades 4-8
- 4. <u>The Laser's Edge</u>: A surgeon probes deep into the human brain with a laser beam to destroy and remove tumors. Grades 7-12
- 5. <u>Profile in Terror</u>: A criminologist taps high technology to help FBI solve some of the most horrible crimes in recent history. Grades 6-10
- 6. Why is the Dolphin Smiling?: A marine scientist explores the dolphin's profound intelligence and unique ability to communicate. Grades 4-6
- 7. <u>Crisis: Planet Earth:</u> NASA scientists measure the temperature of skyscrapers, streets and trees to find out how the world is heating up. Grades 7-9
- 8. <u>Islands in the Jungle</u>: An ornithologist discovers a new bird species in the cloud forests of mountains rising out of the Amazon jungle. Grades 4-8
- 9. <u>Mystery Through the Lens</u>: A scientist using a simple microscope solves mysteries that have long stumped the scientific community. Grades 7-12
- 10. <u>Into the Depths</u>: Scientist descending to the bottom of Lake Superior measure its pollution and ability to clean itself. Grades 6-8
- 11. <u>From Beneath the Ashes:</u> The chief of research at Yellowstone National Park points to striking new signs of life in forest devastated by fires in 1988. Grades 6-9
- 12. <u>In a Galaxy Far, Far Away</u>: A computer whiz who produces fantastic special effects for movies applies his genius to medical technology. Grades 6-12
- 13. <u>Miracle Babies</u>: A doctor and a high-tech machine are allied to save a newborn rushed to the hospital from 400 miles away. Grades 2-6